

ATTACHMENT

**BOILER INSPECTION REPORTS
AF1222**

**FORT GORDON VISIT NO. 2
NOVEMBER 12, 2003**

December 15, 2003

BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCY CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION Fort Gordon		2A. CITY Augusta		3. STATE GA	4. ZIP CODE 30905
5. PLANT OR BLDG. 310					
6. DATE OF INSPECTION 12 Nov 2003		7. DATE OF LAST INSPECTION 22 Oct 2003		8. DELIVERY ORDER NO.	
9. CONTRACT NO.					
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel				11. PLANT <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned	
11A. PRESSURE PREVIOUS INSPECTION 150		11B. PRESSURE THIS INSPECTION 110		12A. YEAR BUILT 1997	
12B. YEAR INSTALLED 1997					
13A. PRIMARY FUEL (Boiler) Nat Gas		13B. SECONDARY FUEL (Boiler) 2 oil		14. DESIGN WORKING PRESSURE OR TEMPERATURE 150	
15. MANUFACTURER Cleaver Brooks		16. MANUFACTURER'S RATING MBTU /LBS. / HR 13800 lbs/hr		17. NATIONAL BOARD NUMBER 8683	
18. USAF NUMBER 1					
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) Automatic Burner		21. SAFETY/RELIEF VALVES SETTING 150		22. EXPLAIN IF PRESSURE CHANGED —	
23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: PSI: —		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:	

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION
☒ None ☐ Other (Specify) *Routine Maintenance*

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

in operation

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

No Adverse Conditions

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Appear Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 2 1/2 Number: 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 17404	34. CONDITION AND HOW TESTED <i>Manually - Satisfactory</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>None - Satisfactory</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Appears Satisfactory</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Appears Satisfactory</i>		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

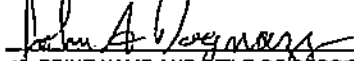
① in Operation

No Recommendations

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Dognazzi

45A. SIGNATURE OF INSPECTOR



45B. DATE OF SIGNATURE

12 Nov 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

JACK HAYES FOREMAN

46A. SIGNATURE



46B. DATE OF SIGNATURE

7 Oct 11-15-03

46C. REPRESENTATIVE'S TELEPHONE NUMBER

706-791-2848

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER					1. TYPE OF INSPECTION				
					Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE				
2. INSTALLATION Fort Gordon			2A. CITY Augusta		3. STATE GA	4. ZIP CODE 30905	5. PLANT OR BLDG. 310		
6. DATE OF INSPECTION 12 Nov 2003		7. DATE OF LAST INSPECTION 22 Oct 2003		8. DELIVERY ORDER NO.		9. CONTRACT NO.			
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel						11. PLANT <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned			
11A. PRESSURE PREVIOUS INSPECTION 150		11B. PRESSURE THIS INSPECTION 180		12A. YEAR BUILT 1997		12B. YEAR INSTALLED 1997			
13A. PRIMARY FUEL (Boiler) Nat Gas		13B. SECONDARY FUEL (Boiler) #2 oil		14. DESIGN WORKING PRESSURE OR TEMPERATURE 150					
15. MANUFACTURER Cleaver Brooks		16. MANUFACTURER'S RATING MBTU / LBS. / HR 13800 lbs/hr 2000 SFT H ₂ O		17. NATIONAL BOARD NUMBER 8665		18. USAF NUMBER #2			
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)									
20. METHOD OF FIRING (Boilers) Automatic Burner		21. SAFETY/RELIEF VALVES SETTING 150		22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: PSI:		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:					
STATEMENT OF BASE CIVIL ENGINEER									
27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)		Routine Maintenance							

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

in Operation

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

No Adverse Conditions

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE $2" \pm 1/2$ Number: 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 17404		34. CONDITION AND HOW TESTED Manually by hand
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) None - Satisfactory			
37. OTHER APPLIANCES	38. CONDITION Appear Satisfactory			
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory			
41. ASME CODES				

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

① In Service

No Recommendations

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Dognazzi

45A. SIGNATURE OF INSPECTOR



45B. DATE OF SIGNATURE

12 Nov 2003

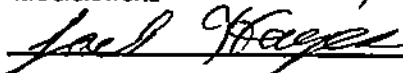
45C. INSPECTOR'S NATIONAL BOARD NO.

8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes, Foreman

46A. SIGNATURE



46B. DATE OF SIGNATURE

11-11-03

46C. REPRESENTATIVE'S TELEPHONE NUMBER

706-791-2848

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

2. INSTALLATION Fort Gordon					2A. CITY Augusta					3. STATE GA		4. ZIP CODE 30905		5. PLANT OR BLDG. 310	
6. DATE OF INSPECTION 12 Nov 2003				7. DATE OF LAST INSPECTION 22 Oct 2003				8. DELIVERY ORDER NO.				9. CONTRACT NO.			
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel														11. PLANT <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned	
11A. PRESSURE PREVIOUS INSPECTION 150				11B. PRESSURE THIS INSPECTION 150				12A. YEAR BUILT 1997				12B. YEAR INSTALLED 1997			
13A. PRIMARY FUEL (Boiler) Nat Gas				13B. SECONDARY FUEL (Boiler) #2 oil				14. DESIGN WORKING PRESSURE OR TEMPERATURE							
15. MANUFACTURER Cleaver Brooks				16. MANUFACTURER'S RATING MBTU / LBS. / HR 13800 lbs/hr 2000 sqftHrs				17. NATIONAL BOARD NUMBER 8664				18. USAF NUMBER #3			
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)															
20. METHOD OF FIRING (Boilers) Automatic Burner				21. SAFETY/RELIEF VALVES SETTING 2 @ 150				22. EXPLAIN IF PRESSURE CHANGED —				23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair				25. LAST HYDROSTATIC TEST Date: PSI:				26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:							
STATEMENT OF BASE CIVIL ENGINEER															
27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify) ROUTINE MAINTENANCE															

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

Carbon deposits building up on Furnace tube. Possibly due to burning oil.

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

No Adverse Condition

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES		32. SIZE 2" #1 1/2 Number: 2		33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 17404		34. CONDITION AND HOW TESTED Not tested	
35. PRESSURE GAGES		36. CORRECTION TAKEN (If none give reason) None - Satisfactory					
37. OTHER APPLIANCES		38. CONDITION Satisfactory					
39. REGULATORS AND CONTROLS		40. CONDITION Satisfactory					

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

① investigate cause of Carbon deposits. Adjust burner wheel on oil to obtain proper flame pattern and to obtain optimum Combustion

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Dognazzi

45A. SIGNATURE OF INSPECTOR



45B. DATE OF SIGNATURE

12 Nov 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

JACK HAYES FOREMAN

46A. SIGNATURE



46B. DATE OF SIGNATURE

11-11-03

46C. REPRESENTATIVE'S TELEPHONE NUMBER

706-991-2848

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION Fort Gordon		2A. CITY Augusta		3. STATE GA	4. ZIP CODE 30905
6. DATE OF INSPECTION 12 Nov 2003		7. DATE OF LAST INSPECTION 22 Oct 2003		5. PLANT OR BLDG. 25910	
8. DELIVERY ORDER NO.		9. CONTRACT NO.			
10. OBJECT					
<input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel					
11. PLANT					
<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned					
11A. PRESSURE PREVIOUS INSPECTION 250		11B. PRESSURE THIS INSPECTION 125		12A. YEAR BUILT 1965	
12B. YEAR INSTALLED 1965		13A. PRIMARY FUEL (Boiler) Nat Gas			
13B. SECONDARY FUEL (Boiler) #2 oil		14. DESIGN WORKING PRESSURE OR TEMPERATURE 250			
15. MANUFACTURER Eric City		16. MANUFACTURER'S RATING MBTU / LBS. / HR 33850 lbs/hr		17. NATIONAL BOARD NUMBER 17545	
18. USAF NUMBER 4		19. USE			
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) Automatic Burner		21. SAFETY/RELIEF VALVES SETTING 250 / 256		22. EXPLAIN IF PRESSURE CHANGED	
23. PRESSURE GAGE TESTED		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
24. PURPOSE OF HYDROSTATIC TEST		25. LAST HYDROSTATIC TEST		26. HYDROSTATIC TEST	
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		Date: PSI:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:	

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION
☒ None ☐ Other (Specify) *Routine maintenance*

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

in operation
Boiler to be replaced within 3 months

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

Both safety valves leaking through slightly - No corrective
Action Needs to be taken due to boiler to be replaced within 3 months

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Appears Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 2" Number: 2	33. TOTAL CAPACITY		34. CONDITION AND HOW TESTED
		CFM:	BTU/HR:	LB/HR: 45738
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>Appears Satisfactory</i>			
37. OTHER APPLIANCES	38. CONDITION <i>Appears Satisfactory</i>			
39. REGULATORS AND CONTROLS	40. CONDITION <i>Appears Satisfactory</i>			

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

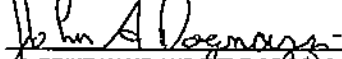
① Boiler in operation

No serious conditions noted that require correction prior to boiler being replaced.

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Dognazzi

45A. SIGNATURE OF INSPECTOR



45B. DATE OF SIGNATURE

12 Nov. 2003

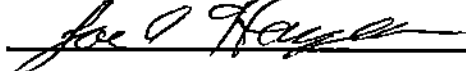
45C. INSPECTOR'S NATIONAL BOARD NO.

8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

JACK HAYES, Foreman

46A. SIGNATURE



46B. DATE OF SIGNATURE

11-11-03

46C. REPRESENTATIVE'S TELEPHONE NUMBER

706-791-2848

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION Internal and External <input checked="" type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE					HSBCT CONTRACT NUMBER				
2. INSTALLATION Fort Gordon			2A. CITY Augusta		3. STATE GA	4. ZIP CODE 30905	5. PLANT OR BLOC. 25910		
6. DATE OF INSPECTION 12 Nov 2003		7. DATE OF LAST INSPECTION 22 Oct 2003		8. DELIVERY ORDER NO.		9. CONTRACT NO.			
10. OBJECT <input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel						11. PLANT <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned			
11A. PRESSURE PREVIOUS INSPECTION 250		11B. PRESSURE THIS INSPECTION 1816		12A. YEAR BUILT 1965		12B. YEAR INSTALLED 1965			
13A. PRIMARY FUEL (Boiler) Nat Gas		13B. SECONDARY FUEL (Boiler) #2 oil		14. DESIGN WORKING PRESSURE OR TEMPERATURE 250					
15. MANUFACTURER Eric City		16. MANUFACTURER'S RATING MBTU / LBS. / HR 33850 lbs/hr		17. NATIONAL BOARD NUMBER 17171		18. USAF NUMBER 5			
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)									
20. METHOD OF FIRING (Boilers) Automatic Burner		21. SAFETY/RELIEF VALVES SETTING 250 / 256		22. EXPLAIN IF PRESSURE CHANGED —		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: PSI:		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:					
STATEMENT OF BASE CIVIL ENGINEER									
27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify) <i>Routine Maintenance</i>									

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

Boiler is going to be replaced within 3 months. Some minor refractory needs repair in furnace area. Significant sediment in side an front headers, No complete access into steam drum

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

No serious conditions

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

No serious conditions

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES		32. SIZE 2"		33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 45,000		34. CONDITION AND HOW TESTED 3/12 1816-	
35. PRESSURE GAGES		36. CORRECTION TAKEN (if none give reason) <i>None - soon to be replaced</i>					
37. OTHER APPLIANCES		38. CONDITION <i>Appear Satisfactory</i>					
39. REGULATORS AND CONTROLS		40. CONDITION <i>Appear Satisfactory</i>					

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR


44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

- ① Repair minor refractory in furnace.
② Flush sediment from side wall and front wall headers

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Dognazzi

45A. SIGNATURE OF INSPECTOR



45B. DATE OF SIGNATURE

12 Nov 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes, Foreman

46A. SIGNATURE



46B. DATE OF SIGNATURE

11-11-03

46C. REPRESENTATIVE'S TELEPHONE NUMBER

706-791-7848

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION Fort Gordon		2A. CITY Augusta		3. STATE GA	4. ZIP CODE 30905
5. PLANT OR BLDG. 33500					
6. DATE OF INSPECTION 12 Nov 2003		7. DATE OF LAST INSPECTION 23 Oct 2003		8. DELIVERY ORDER NO.	
9. CONTRACT NO.					
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel				11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned	
11A. PRESSURE PREVIOUS INSPECTION 30		11B. PRESSURE THIS INSPECTION		12A. YEAR BUILT 1965	
12B. YEAR INSTALLED 1965					
13A. PRIMARY FUEL (Boiler) Nat Gas		13B. SECONDARY FUEL (Boiler) 2 oil		14. DESIGN WORKING PRESSURE OR TEMPERATURE 30 PSI	
15. MANUFACTURER Cranac		16. MANUFACTURER'S RATING MBTU/LBS./HR 1,004,000 BTU		17. NATIONAL BOARD NUMBER Ser 210708	
18. USAF NUMBER 1					
19. USE <input type="checkbox"/> Power <input type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input checked="" type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) Automatic Burner		21. SAFETY/RELIEF VALVES SETTING 30		22. EXPLAIN IF PRESSURE CHANGED	
23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: PSI:		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:	

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other (Specify)

Routine Maintenance

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

Boiler in Operation

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

Relocate LWCO to a location above boiler. Support R/V discharge piping to relieve strain on R/V body. Ordered New Pressure/Temperature gage

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Appear Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 1" Number: 1	33. TOTAL CAPACITY CFM: BTU/HR: 1,570,000 LB/HR:	34. CONDITION AND HOW TESTED Manually Set
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) New Gage + Thermometer - Satisfactory		
37. OTHER APPLIANCES	38. CONDITION Appear Satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

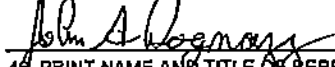
44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

- ① in operation
- ② Relocate lwco to a position above the top of boiler to protect boiler from damage should the system drain down
- ③ install a support to relieve weight of discharge piping from Relief Valve.

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Dognazzi

45A. SIGNATURE OF INSPECTOR



45B. DATE OF SIGNATURE

12 Nov 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

JACK HAYES, FOREMAN

46A. SIGNATURE



46B. DATE OF SIGNATURE

11-11-03

46C. REPRESENTATIVE'S TELEPHONE NUMBER

706-791-2848

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION Fort Gordon		2A. CITY Augusta		3. STATE GA	4. ZIP CODE 30905
6. DATE OF INSPECTION 12 Nov 2003		7. DATE OF LAST INSPECTION 22 Oct 2003		8. DELIVERY ORDER NO.	
10. OBJECT <input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel		11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned			
11A. PRESSURE PREVIOUS INSPECTION 150		11B. PRESSURE THIS INSPECTION 150		12A. YEAR BUILT 1993	
13A. PRIMARY FUEL (Boiler) Nat Gas		13B. SECONDARY FUEL (Boiler) #2 oil		12B. YEAR INSTALLED 1993	
14. DESIGN WORKING PRESSURE OR TEMPERATURE 150		15. MANUFACTURER Equimatec		16. MANUFACTURER'S RATING MBTU/LBS. / HR HS 488 sqft 5,145,000 BTU	
17. NATIONAL BOARD NUMBER 137		18. USAF NUMBER 1		19. USE <input type="checkbox"/> Power <input type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input checked="" type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)	
20. METHOD OF FIRING (Boilers) Automatic Burner		21. SAFETY/RELIEF VALVES SETTING 150		22. EXPLAIN IF PRESSURE CHANGED	
23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: PSI:	
26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:					

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION
☒ None ☐ Other (Specify) *Routine Maintenance*

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

in operation

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

Previous recommendations are being complied with. Parts on order

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Appears Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE <i>1 x 1 1/4</i> Number: <i>1</i>	33. TOTAL CAPACITY <i>5,916,000</i> CFM: BTU/HR: LB/HR:	34. CONDITION AND HOW TESTED <i>Not tested - New valve ordered</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) <i>New gauge - Satisfactory</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Appear satisfactory</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Appear Satisfactory</i>		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

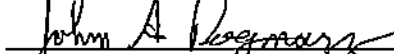
44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

- ① Boiler in Operation
② No additional recommendations

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Dognazzi

45A. SIGNATURE OF INSPECTOR



45B. DATE OF SIGNATURE

12 Nov 2003

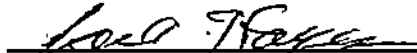
45C. INSPECTOR'S NATIONAL BOARD NO.

8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE



46B. DATE OF SIGNATURE

11-11-03

46C. REPRESENTATIVE'S TELEPHONE NUMBER

706-791-2848

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE